

Title (en)

Reception and Transmissin of Acknowledgement signals in wireless communication systems

Title (de)

Empfangen und Senden von Empfangsbestätigungen in drahtlosen Kommunikationssystemen

Title (fr)

Réception et Transmission d'accusés de réception dans des systèmes de communication sans fil

Publication

EP 2448150 B1 20171004 (EN)

Application

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Priority

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- US 22860509 P 20090726
- KR 20100071828 A 20100726

Abstract (en)

[origin: EP2448150A2] The present invention provides a method and an apparatus for receiving reception acknowledgement for HARQ (Hybrid Automatic Repeat Request) in a wireless communication system. A terminal receives, from a base station, an uplink resource allocation that includes information on a plurality of allocated RBs (Resource Blocks) within a subframe that includes the plurality of RBs, and transmits uplink transmission blocks to a PUSCH (Physical Uplink Shared Channel) by using the plurality of allocated RBs on the subframe. The terminal receives, from the base station, ACK/NACK signals on a PHICH (Physical Hybrid-ARQ Indicator Channel). PHICH resources used on the PHICH are identified by the lowest index among indexes of the plurality of allocated RBs, and at least two of the indexes of the plurality of RBs are linked by being overlapped with the same PHICH resource.

IPC 8 full level

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Cited by

CN103997396A; CN104349469A; EP2487853A4; WO2017219830A1; US10757701B2; TWI647962B

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